

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-086868

(43)Date of publication of application : 26.03.2002

(51)Int.Cl.

B41K 1/02  
B41K 1/04

(21)Application number : 2000-326221 (71)Applicant : YAMAMOTO KAZUO  
GOTO TOSHIKAZU

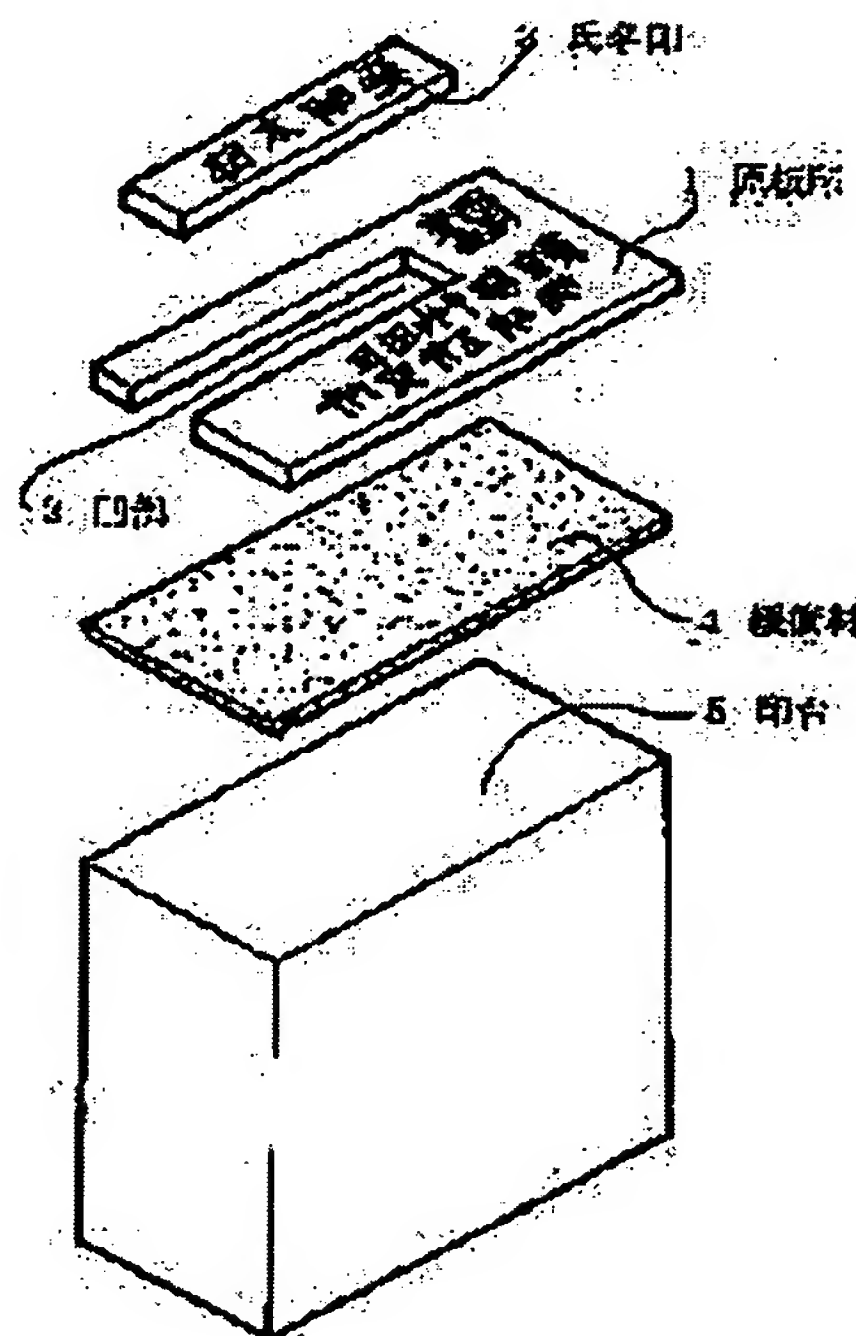
(22)Date of filing : 19.09.2000 (72)Inventor : YAMAMOTO KAZUO  
GOTO TOSHIKAZU

## (54) MANUFACTURING METHOD FOR NAME-INSERTING RUBBER SEAL

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a method for manufacturing a low cost and mass- producible rubber seal having the name of an individual person through the integration of a name seal with a company name seal for the purpose of eliminating conventional double troubles, encountered in the conventional method often employed, of the stamping of the company name seal on a pamphlet and the following stamping of the name seal on the resultant pamphlet.

**SOLUTION:** An original plate seal, in which a recessed part is formed by cutting off a name seal portion, is mass-produced. Next, a name seal containing the name of the individual person is molded so as to be inserted in the recessed part of the original plate seal in order to be integrated together for manufacturing a name-inserting rubber seal.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other

than the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

\* NOTICES \*

JPO and NCIPi are not responsible for any damages caused by the use of this translation.

1.This document has been translated by computer. So the translation may not reflect the original precisely.

2.\*\*\*\* shows the word which can not be translated.

3.In the drawings, any words are not translated.

---

CLAIMS

---

[Claim(s)]

[Claim 1] The manufacture approach of the name plug rubber stamp characterized by fabricating only the name mark 3, inserting the name mark 3 in the crevice 2 of the above and the negative mark 1, making it unite with it, and considering as a rubber stamp after that by considering the thing in which the crevice 2 which cut off the part of the name mark 3 and was made into the blank was made to form as the negative mark 1.

[Claim 2] The manufacture approach of the name plug rubber stamp according to claim 1 characterized by forming the rubber stamp part which considered the thing in which the crevice 2 which cut off the part of the name mark 3 and was made into the blank was made to form as the negative mark 1 with an unsaturated polyester resin.

[Claim 3] The part of the name mark 3 is the manufacture approach of claim 1 and the name plug rubber stamp two publications characterized by forming with rubber or a photopolymer, inserting in the crevice 2 of the negative mark 1, making it unite with it, and considering as a rubber stamp.

---

[Translation done.]

\* NOTICES \*

JPO and NCIPi are not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. \*\*\*\* shows the word which can not be translated.
3. In the drawings, any words are not translated.

---

DETAILED DESCRIPTION

---

[Detailed Description of the Invention]

[0001]

[Field of the Invention] This invention relates to the manufacture approach of the rubber stamp used for the business use mark, the school mark, an ownership stamp, etc. needed in large quantities.

[0002]

[Description of the Prior Art] Conventionally, since the business-use company name mark, the school mark, an ownership stamp, etc. were needed in large quantities, usually what was manufactured with rubber, a photopolymer, etc. calls a rubber stamp, and there were many cases where the business use mark, the name mark, and two kinds of marks were needed.

[0003]

[Problem(s) to be Solved by the Invention] After the business-use company name mark etc. pushed the company name mark when only the thing about a company name manufactured a rubber stamp and what does business stamped a rubber stamp on a pamphlet etc. since it was expensive, it needed two activities of next pushing one's name mark. Therefore, it was the heavy rating which is pushed on a lot of throwaways and pamphlets with the company name mark and the name mark.

[0004] Moreover, since the ownership stamp etc. was produced a little for every order, there was futility also in manufacture of a cost side and a rubber stamp at a routing.

[0005] In order that this invention may abolish above faults and faults and may decrease rating, it is carried out to the ability of the company name mark and the name mark to make it possible to push on coincidence, and aims at the ability to mass-produce.

[0006]

[A means to solve invention] It is the manufacture approach of the name plug rubber stamp which fabricates only the name mark 3 after that, inserts the name mark 3 in the crevice 2 of the above and the negative mark 1, is made for this invention to consider the thing in which the crevice 2 which cut off the part of the name mark 3 and was made into the blank was made to form as the negative mark 1, and to unite with it in order to \*\*\*\* the above-mentioned purpose, and manufactures the body A of a rubber stamp.

[0007] Moreover, although it is the description as a manufacture ingredient of this invention to use an unsaturated polyester resin as the main raw material for the negative mark 1, the name mark 3 may use rubber, a photopolymer, etc.

[0008]

[Embodiment of the Invention] The gestalt of operation of this invention is explained with reference to a drawing based on one example. Although drawing 1 is the decomposition perspective view of the company name mark of this invention, it considers the thing in which the crevice 2 which cut off the part of the name mark 3 and was made into the blank was made to form as the negative mark 1 of a company name. After that which you put [ after that ] in the negative of only the company name mark into plastics or a wooden flask, makes it fix with adhesives, and slushes and stiffens silicone rubber, the manufacture approach is stripped off and makes the silicone rubber a pattern.

[0009] Many the pattern can be stood in a line, the pigment of a curing agent and a coloring agent is added and an unsaturated polyester resin is slushed, and after cellular omission, natural hardening is carried out, it strips off, warm air desiccation is carried out at 60 - 70 degrees, and it considers as the negative mark 1.

[0010] Next, it considers as shock absorbing material 4, and from the upper part, \*\*\*\* 5 of a tree or plastics is pasted in order of the negative mark 1, shock absorbing material 4, and \*\*\*\* 5, and the sponge mat containing a binder is put on it.

[0011] The name marks 3 are rubber, a photopolymer, an unsaturated polyester resin, etc., and are fabricated according to an order.

[0012] When the ordered name mark 3 is inserted in the crevice 3 of the negative mark 1 and is made to fix firmly at the end, it is completion of the body A of the company name mark with a name.

[0013] whose above is the manufacture approach of the name plug mark of this invention As other examples, it is the manufacture approach applicable also to the school mark, and an ownership stamp and the name mark with an identifier of individual possession.

[0014]

[Effect of the Invention] the name plug rubber stamp of this invention which consisted of above manufacture approaches has the effectiveness which resembles below and is indicated.

[0015] 1. Since the negative mark can be mass-produced according to the hope in advance, it comes, and since it is the approach of fabricating and inserting only the name mark of the name column, it can respond also to a lot of orders promptly.

2. Although it is the relation of the number of alphabetic characters and had become an expensive rank since the manufacture approach of the conventional rubber stamp and the resin mark was produced by the name and unification by order of an individual, the charge of a principal member of the rubber stamp of this invention can also manufacture cost at a low price very by adoption of an unsaturated polyester resin.

3. It can respond cheaply and promptly at the time of a change of a new employee and a transfer person etc.

4. The school mark, an ownership stamp, etc. are the large manufacture approaches of the application range besides the company name mark.

---

[Translation done.]

\* NOTICES \*

JPO and NCIPi are not responsible for any damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.\*\*\*\* shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

---

DESCRIPTION OF DRAWINGS

---

[Brief Description of the Drawings]

[Drawing 1] It is the decomposition perspective view of the name plug mark of this invention.

[Drawing 2] It is the assembly perspective view of the name plug mark of this invention.

[Description of Notations]

1 Negative Mark

2 Crevice

3 Name Mark

4 Shock Absorbing Material

5 \*\*\*\*

A Body

---

[Translation done.]



\* NOTICES \*

JPO and NCIPi are not responsible for any damages caused by the use of this translation.

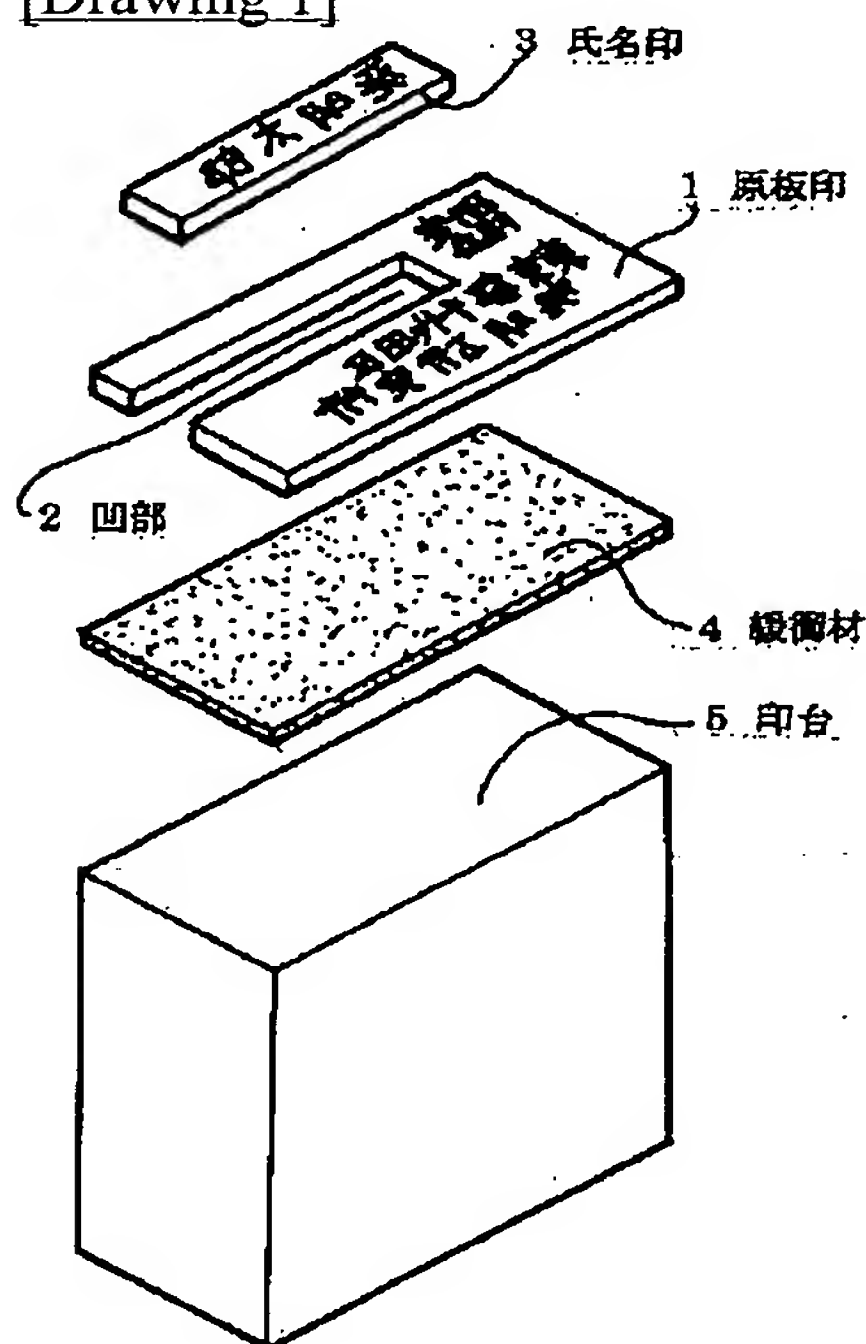
- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.\*\*\*\* shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

---

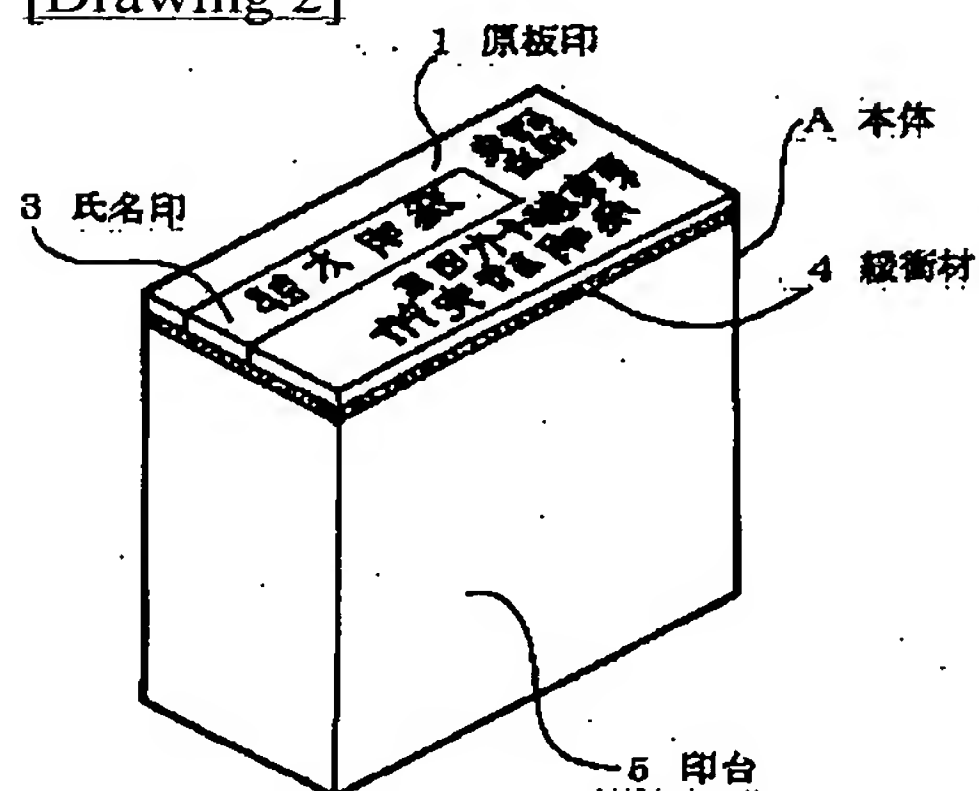
DRAWINGS

---

[Drawing 1]



[Drawing 2]



---

[Translation done.]

(19)日本国特許庁 (J P)

(12) 公 開 特 許 公 報 (A)

(11)特許出願公開番号  
特開2002-86868  
(P2002-86868A)

(43)公開日 平成14年 3 月26日 (2002. 3. 26)

(51)Int.Cl. <sup>7</sup>	識別記号	F I	テームコード* (参考)
B 4 1 K	1/02	B 4 1 K	B
	1/04		A

審査請求 未請求 請求項の数 3 書面 (全 3 頁)

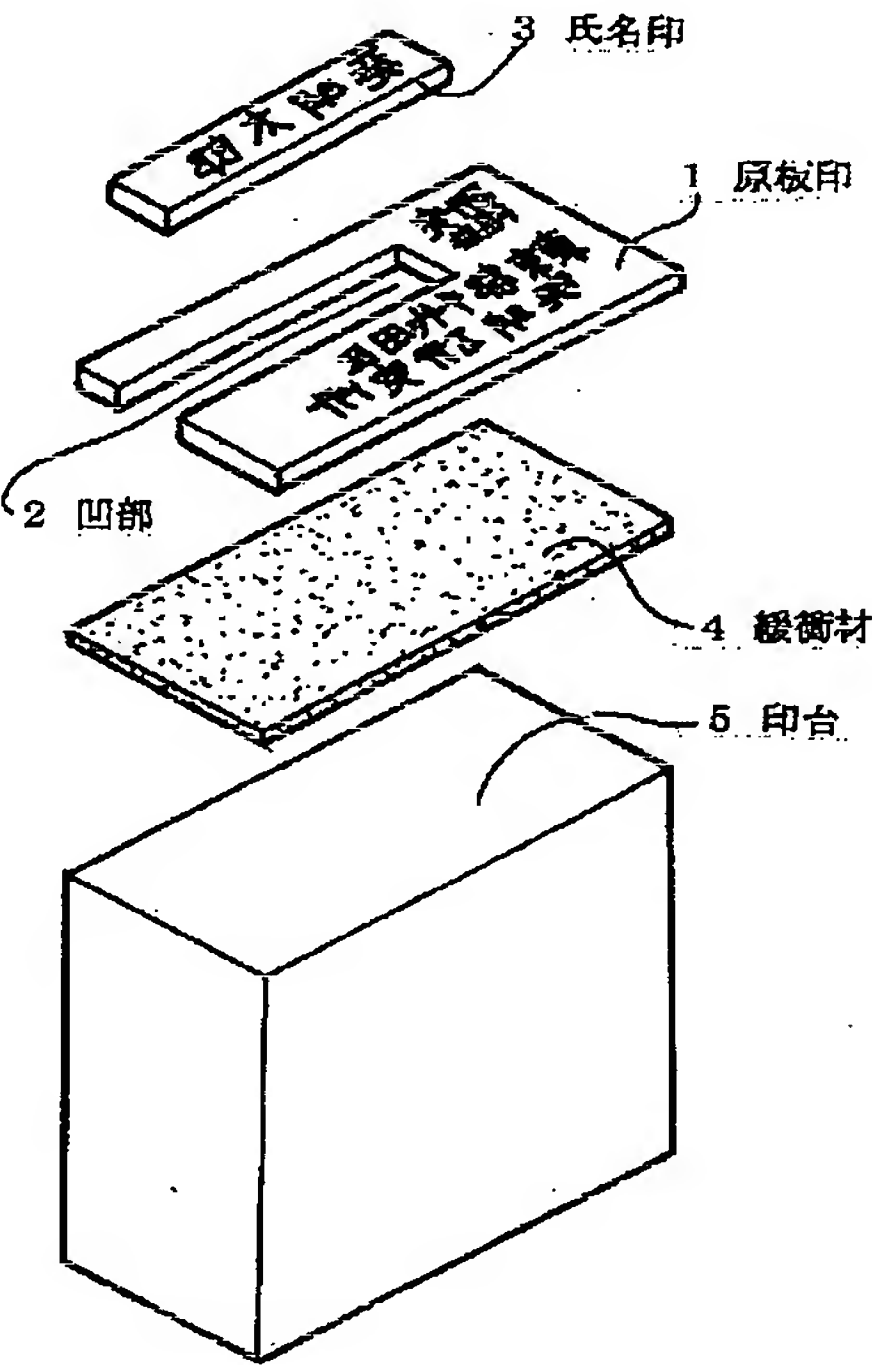
(21)出願番号	特願2000-326221(P2000-326221)	(71)出願人	500496046 山本 一夫 大分県大分市中島西1丁目1番24号
(22)出願日	平成12年 9 月19日 (2000. 9. 19)	(71)出願人	500496080 後藤 ▲とし▼量 大分県別府市大字亀川461番の 5
		(72)発明者	山本 一夫 大分県大分市中島西1丁目1番24号
		(72)発明者	後藤 ▲とし▼量 大分県別府市大字亀川461番の 5

(54)【発明の名称】 氏名差し込みゴム印の製造方法

(57)【要約】

【課題】 従来は、パンフレットなどに社名印を押して、次に氏名印を押すという二度手間のかかる方法が取られていることが多くあった。そこで安価で大量に製作でき、社名印に氏名印を一体化させて個々人名のゴム印を製作するという製造方法を提供する。

【解決手段】 氏名印部分を切り取り凹部を形成したものを原板印として大量に製作しておく。次に、個人名が入った氏名印を成形して、前記、原板印の凹部に差し込み一体化させてゴム印を製造する、氏名差し込みゴム印の製造方法。





【特許請求の範囲】

【請求項1】 氏名印3の部分を取り切り空欄にした凹部2を形成させたものを原板印1として、その後、氏名印3のみを成形して、前記、原板印1の凹部2に、氏名印3を差し込んで一体化させてゴム印とすることを特徴とした、氏名差し込みゴム印の製造方法。

【請求項2】 氏名印3の部分を取り切り空欄にした凹部2を形成させたものを原板印1としたゴム印部分を、不飽和ポリエステル樹脂で形成することを特徴とした、請求項1記載の氏名差し込みゴム印の製造方法。

【請求項3】 氏名印3の部分は、ゴムまたは、感光性樹脂等で形成して、原板印1の凹部2に差し込み一体化させてゴム印とすることを特徴とした、請求項1、2記載の氏名差し込みゴム印の製造方法。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明は、大量に必要とされる、業務用印や学校印、蔵書印等に使用されるゴム印の製造方法に関するものである。

【0002】

【従来の技術】従来、業務用の社名印、学校印、蔵書印等は大量に必要とされるので、ゴムや感光性樹脂等で製作されたものがゴム印と称するのが通常であり、また、業務用印と氏名印と2種類の印を必要とする場合が多くあった。

【0003】

【発明が解決しようとする課題】業務用の社名印などは高価なために、社名に関するものだけゴム印を製作し、営業するものが、パンフレットなどにゴム印を押すときは、社名印を押してから、次に自分の氏名印を押すという、二度の作業を必要とした。したがって、大量のチラシやパンフレットに社名印、氏名印と押すのは大変な作業量であった。

【0004】また、蔵書印なども注文ごとに少量に生産するのでコスト面やゴム印の製作にも作業工程に無駄があった。

【0005】本発明は、上記のような欠点や不具合を無くして、作業量を減少させるために、社名印と氏名印が同時に押せるようにできることとし、大量生産できることを目的としている。

【0006】

【発明が解決するための手段】上記目的を達せするために本発明は、氏名印3の部分を取り切り空欄にした凹部2を形成させたものを原板印1として、その後、氏名印3のみを成形して、前記、原板印1の凹部2に、氏名印3を差し込んで一体化させてゴム印の本体Aを製作する氏名差し込みゴム印の製造方法である。

【0007】また、本発明の製作材料としては、原板印1を不飽和ポリエステル樹脂を主原料とするのが特徴であるが、氏名印3はゴム、感光性樹脂等を使用しても良

い。

【0008】

【発明の実施の形態】本発明の、実施の形態を1実施例にもとづき図面を参照して説明する。図1は本発明の社名印の分解斜視図であるが、氏名印3の部分を取り切り空欄にした凹部2を形成させたものを社名の原板印1とする。その製造方法は、社名印のみの原板をプラスチックまたは、木枠の中に入れて、接着剤で固定させて、シリコンゴムを流し込み硬化させる、その後、はぎ取り、そのシリコンゴムを原型とする。

【0009】その原型をたくさんならべて不飽和ポリエステル樹脂を硬化剤と着色剤の顔料を加えて流し込み、気泡抜き後、自然硬化させて、はぎ取り、60～70度で温風乾燥させて原板印1とする。

【0010】次に、木またはプラスチックの印台5に、粘着剤入りのスポンジマットを緩衝材4として、上部より、原板印1、緩衝材4、印台5の順番に接着して置く。

【0011】氏名印3は、ゴム、感光性樹脂、不飽和ポリエステル樹脂等で、注文に応じて成形する。

【0012】最後に、注文された氏名印3を原板印1の凹部3に挿入して、しっかりと固着させると、氏名入りの社名印の本体Aの完成である。以上が本発明の氏名差し込み印の製造方法である

【0013】他の実施例としては、学校印、蔵書印や個人所有の名前入りネーム印にも応用できる製造方法である。

【0014】

【発明の効果】上記のような製造方法で構成された、本発明の氏名差し込みゴム印は、以下にに記載されるような効果がある。

【0015】1. 原板印は、事前に見込みに応じて量産しておくことができるので、氏名欄の氏名印のみ成形して、差し込むという方法なので多量の注文にも迅速に対応できる。

2. 従来のゴム印、樹脂印の製造方法は、個々人の注文により氏名と一体化で作製していたので、文字数の関係で、高価格となっていたが、本発明のゴム印の主材料は、不飽和ポリエステル樹脂の採用でコストも大変に安く製作できる。

3. 新入社員、転勤者の買い換え時などにも、安価で迅速に対応できる。

4. 社名印以外にも学校印や蔵書印など応用範囲の広い製造方法である。

【図面の簡単な説明】

【図1】本発明の氏名差し込み印の分解斜視図である。

【図2】本発明の氏名差し込み印の組立斜視図である。

【符号の説明】

1 原板印

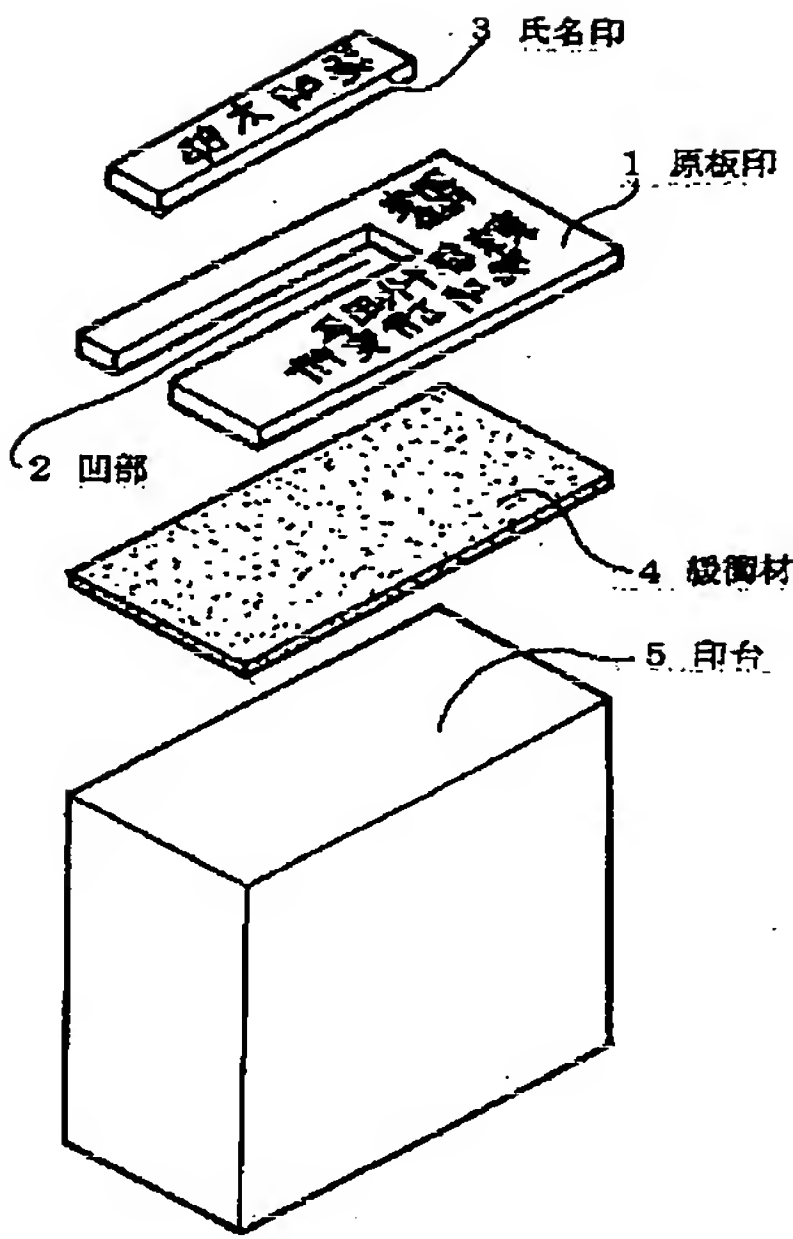
2 凹部

(3) 開2002-86868 (P2002-86868A)

- 3 氏名印
- 4 緩衝材

- 5 印台
- A 本体

【図1】



【図2】

